

Amendments to the Claims:

Responsive to the Restriction Requirement mailed April 22, 2003, please cancel claims 5-12 without prejudice to or disclaimer of the subject matter therein.

1. (Currently Amended) An isolated nucleic acid comprising a polynucleotide having at least 75% 80% sequence identity to SEQ ID NO:1, wherein said polynucleotide encodes a maize AFP1 protein, or a complement of said polynucleotide.

2. (Original) A vector comprising at least one nucleic acid of claim 1.

3. (Currently Amended) A recombinant expression cassette, comprising [[a]] the nucleic acid of claim 1 operably linked to a promoter, wherein the nucleic acid is in sense or antisense orientation.

4. (Original) A host cell comprising the recombinant expression cassette of claim 3.

5-12 (Canceled)

13. (Previously Presented) An isolated nucleic acid selected from the group consisting of a polynucleotide comprising SEQ ID NO:1, a polynucleotide encoding a polypeptide comprising SEQ ID NO:2, or a complement thereof.

14. (Previously Presented) An isolated nucleic acid selected from the group consisting of a polynucleotide comprising SEQ ID NO:3, a polynucleotide encoding a polypeptide comprising SEQ ID NO:4, or a complement thereof.

15. (Previously Presented) An isolated nucleic acid selected from the group consisting of a polynucleotide comprising SEQ ID NO:5, a polynucleotide encoding a polypeptide comprising SEQ ID NO:6, or a complement thereof.

16. (Previously Presented) An isolated nucleic acid selected from the group consisting of a polynucleotide comprising SEQ ID NO:7, a polynucleotide encoding a polypeptide comprising SEQ ID NO:8, or a complement thereof.

17. (Previously Presented) An isolated nucleic acid selected from the group consisting of a polynucleotide comprising SEQ ID NO:9, a polynucleotide encoding a polypeptide comprising SEQ ID NO:10, or a complement thereof.